

**Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1. (Currently amended) A food and feed supplement containing vitamins, for improvement of health and performance, the supplement comprising  
at least one C<sub>1-8</sub> carboxylic acid and/or its salt as the basic ingredient wherein the C<sub>1-8</sub> carboxylic acid is a formic acid, a citric acid, a lactic acid, a propionic acid, an ascorbic acid, a fumaric acid, an acetic acid or a benzoic acid;  
the B<sub>6</sub>, B<sub>9</sub> and B<sub>12</sub> vitamins in a combined amount of 10-50 mg/gram dry weight of the supplement to compensate for the loss of the B<sub>6</sub>, B<sub>9</sub> and B<sub>12</sub> vitamins due to carboxylic acid metabolism, ~~wherein the combined amount of the vitamins B<sub>6</sub>, B<sub>9</sub> and B<sub>12</sub> are respectively in the range of 0.5-30 mg, 0.1-10 mg and 1-1500 µg/gram dry weight of the at least one carboxylic acid;~~  
5-25 mg Fe/gram dry weight of the supplement; and  
0-1 mg of an antioxidant per 100 mg dry weight of the supplement, the amount of the carboxylic acid and/or its salt will give a pH of 2.0-6.0 when the supplement is dissolved in water.
2. (Canceled).
3. (Previously presented) Supplement according to claim 1, characterized in that it contains 0.5-3.5 mg of iron fumarate per 100 mg dry weight of the supplement.
4. (Previously presented) Supplement according to claim 1, characterized in that the supplement contains vitamin E as an antioxidant.
5. (Currently amended) Supplement according to claim 1, characterized in that it contains a desiccant, ~~preferably MgO~~.

6. (Currently amended) A method for improving the performance of ~~a human~~ ~~or~~ an animal during stress and competition conditions, the method comprising:

administering to ~~the human or~~ the animal the supplement of claim 1 in an amount of 0.5-15 grams dry supplement/kg dry feed.

7. (Currently amended) A method for improving the performance of a horse during stress and competition conditions, the method comprising:

administering to the horse 1-15 grams dry weight of the supplement of claim 1 ~~[[/]]~~ per 100 kg horse weight in a standard feed for horses.

8. (Previously presented) A method of improving performance of a human during stress and competition conditions, the method comprising:

administering to the human 0.1-4.4 mg daily of the dry weight of the supplement of claim 1 per kilogram bodyweight.

9.-11. (Canceled).

12. (Previously presented) The supplement of claim 1, wherein the B<sub>6</sub> vitamin is in an amount of 0.07-24.6 mg/gram dry weight of the supplement.

13. (Previously presented) The supplement of claim 1, wherein the B<sub>9</sub> vitamin is in an amount of 0.01-20 mg/gram dry weight of the supplement.

14. (Previously presented) The supplement of claim 1, wherein the B<sub>12</sub> vitamin is in an amount of 0.33-120  $\mu$ g/gram dry weight of the supplement.

15. (New) The supplement of claim 1, wherein the combined amount of the vitamins B<sub>6</sub>, B<sub>9</sub> and B<sub>12</sub> are respectively in the range of 0.5-30 mg, 0.1-10 mg and 1-1500  $\mu$ g/gram dry weight of the at least one carboxylic acid and/or its salt.